07-02-04

IFW

Docket No. 2877-4031

# ME UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Chen et al

Group Art Unit: 1714

Serial No.:

10/666,650

Examiner: tba

Filed:

09/17/2003

For:

SURFACE MODIFICATION OF ELASTOMERIC ARTICLES

### **INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain. their teaching. 1. For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed: 2. For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application. 3. Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No. , filed 4. No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with: 37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or

Docket No. <u>2877-4031</u> Serial No. <u>10/666,650</u> of entry into the

		national stage as set forth in §1.491 in an international application; or
	$\boxtimes$	37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or
		37 C.F.R. §1.97(b)(4) before the mailing date of a first office action after the filing of an RCE under §1.114.
5.	since in para Allow	e is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified agraph 4 above but before the mailing date of a final action or a Notice of ance (where there has been no prior final action), and is accompanied by one of rtifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below.
6.	it is be paragr	is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since eing filed in compliance with 37 C.F.R. §1.97(c), after the period specified in raph 4 above but before the mailing date of a final action or a notice of unce (where there has been no prior final action):
		A check in the amount of \$180.00 is enclosed in payment of the fee.
		Charge the fee to Deposit Account No. <u>13-4500</u> , Order No A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
7.	it is be action	is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since eing filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final or a notice of allowance, whichever comes first, but before payment of the issue id is accompanied by:
		ne of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 elow; and
		e fee due under 37 C.F.R. §1.17(p) which is paid as set forth in paragraph 11 elow.
8.	This I	nformation Disclosure Statement is being filed in compliance with:
	a. 🗌	37 C.F.R. §1.313(b)(3) or §1.313(c)(1), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h);
	b. [	37 C.F.R. §1.313(c)(2) or §1.313(c)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Request for Continued Examination (RCE) or a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h).

. . .

Docket No. <u>2877-4031</u> Serial No. <u>10/666,650</u>

		c. The fee due under 37 C.F.R. §§1.17(h) is paid as set forth in paragraph 11 below.							
9.		I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.							
		I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.							
10.		This document is accompanied by  a Search Report Communication which was cited in a corresponding PCT or Foreign counterpart application							
11.		A check in the amount of \$ is enclosed in payment of the fees due under 37 C.F.R. §§1.17(h) and 1.17(p).							
		Charge the fees due under 37 C.F.R. §§1.17(h) and 1.17(p) to Deposit Account No. 13-4500, Order No A DUPLICATE COPY OF THIS SHEET IS ATTACHED.							
	X	The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 2877-4031. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.							
Date	ed: <u>Ju</u>	Respectfully submitted, MORGAN & FINNEGAN, L.L.P.  By:  By:							
		Michael A. Willis Registration No. 53,913							
Cor	respor	ndence Address:							
		N & FINNEGAN, L.L.P.							
		Avenue K, NY 10154-0053							
		-4800 Telephone							
•	,	-6849 Facsimile							



Docket No. 2877-4031

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CHEN, et al. Applicant(s):

Group Art Unit:

1714

Serial No.:

10/666,650

Examiner:

**TBA** 

Filed:

09/17/2003

For:

SURFACE MODIFICATION OF ELASTOMERIC ARTICLES

### **EXPRESS MAIL CERTIFICATE**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Express Mail Label No.: EV 357 835 875

Date of Deposit: JULY 1, 2004

I hereby certify that the following attached paper(s) and/or fee

- 1. Information Disclosure Statement (3 pages) + duplicate p.3)
- 2. PTO Form 1449 Listing References (5 pages)
- 3. References: 53 Total 48 U.S. Patents 5 Foreign Patent **Documents**
- 4. Return Postcard.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Albert Isles

(Typed or printed name of person mailing papers(s) and/or fee)

(Signature of person mailing paper(s) and/or fee)

#### Correspondence Address:

MORGAN & FINNEGAN, L.L.P. 345 Park Avenue New York, NY 10154-0053 (212) 758-4800 Telephone (212) 751-6849 Facsimile

Page <u>1</u> of <u>5</u>

	<b>/</b> 0	أبو		
	Mr. 0:1	TO E		
	FO	RM TO	-1449	
INFO	RMATION	DISCLO	SURE C	ITATION

Attorney Docket:	Serial No.:	
2877-4031	10/666,650	
Applicant:		· -
Chen et al		
Filing Date:	Group Art Unit:	
09/17/2003	1714	

<del></del>			1714		
		Name	Class	Sub- Class	Filing Date
4,442,133	04/1984	Greco et al.			
4,548,844	10/1985	Podell et al.			
4,576,476	03/1986	Marshall, II et al.			
4,675,347	06/1987	Mochizuki et al.			
4,853,978	08/1989	Stockum			
5,030,659	07/1991	Bansemir et al.			
5,089,205	02/1992	Huang et al.			
5,133,090	07/1992	Modak et al.			
5,395,666	03/1995	Brindle			
5,405,666	04/1995	Brindle ·			
5,487,896	01/1996	Modak et al.			
		PATENT DOCUMENTS		•	
Patent Number	Publication Date	Country	Class	Sub- Class	Translatio
WO 92/13497	08/1992	WIPO			☐ Yes ☐ No
WO 02/41869	05/2002	WIPO		(A)	☐ Yes ☐ No
WO 02/055055	07/2002	WIPO			☐ Yes ☐ No
WO 02/055060	07/2002	WIPO			☐ Yes ☐ No
EP 0 852 148	02/2002	ЕРО			☐ Yes ☐ No
OTHE	R DOCUMENT	ΓS (Including Author, Title	, Date, etc.)		
		Date Considered			-
if reference considered, whether	or not citation is in	n conformance with MPEP §609.			
	4,442,133 4,548,844 4,576,476 4,675,347 4,853,978 5,030,659 5,089,205 5,133,090 5,395,666 5,405,666 5,487,896  Patent Number WO 92/13497 WO 02/41869 WO 02/055055 WO 02/055060 EP 0 852 148  OTHER	Patent Number	Date   Name   Saue Date   Name	Date   Name   Class   Name   Class	Patent Number

#### Page 2 of 5 Attorney Docket: Serial No.: 2877-4031 10/666,650 **FORM PTO-1449** Applicant: Chen et al INFORMATION DISCLOSURE CITATION Filing Date: Group Art Unit: 09/17/2003 1714 **U.S. PATENT DOCUMENTS** Examiner Sub-Initial **Patent Number Issue Date** Name Class Class Filing Date 5,545,451 08/1996 Haung et al. 5,567,341 10/1996 Tury 04/1998 5,736,251 Pinchuk 5,742,943 04/1998 Chen 08/1998 Littleton et al. 5,792,531 03/1999 Milner 5,888,441 05/1999 Mixon 5,906,823 07/1999 Scholz et al. 5,951,993 11/1999 5,993,839 Mixon 5,993,923 11/1999 Lee 5,993,972 11/1999 Reich FOREIGN PATENT DOCUMENTS Examiner **Publication** Sub-Initial Patent Number Date Country Class Class Translation Yes No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No Yes No OTHER DOCUMENTS (Including Author, Title, Date, etc.) Date Considered Examiner

Initial if reference considered, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

850679 v1

**EXAMINER:** 

Page <u>3</u> of <u>5</u>

FODM PTO 1440				orney Docket: 7-4031	Serial No.: 10/666,650			
FO	ORM PTO-1449		App	Applicant:				
INFORMATION	N DISCLOSURE CIT	TATION		Chen et al				
	· DISOLOSVILL CI			ng Date: 17/2003	Group Art Unit: 1714			
		U.S		TENT DOCUMENTS	1.1111			
Examiner						Sub-		
Initial	Patent Number	Issue Da		Name	Class	Class	Filing Date	
	6,016,570	01/2000		Vande Pol et al.				
	6,046,144	04/2000	]	Karol et al.				
	6,051,320	04/2000		Noecker et al.				
	6,198,805	03/2001	!	Bourne et al.				
	6,254,947	07/2001		Schaller et al.				
	6,306,514	10/2001		Weikel et al.				
	6,347,408	02/2002		Yeh				
	6,352,666	03/2002		Nile et al.				
	6,352,791	03/2002	1	Fink et al.				
	6,383,552	05/2002	]	Noecker et al.				
	6,358,557	03/2002	'	Wang et al.				
				PATENT DOCUMENTS				
Examiner Initial	Patent Number	Publicati Date	on	Country	Class	Sub- Class	Translation	
							☐ Yes ☐ No	
							☐ Yes ☐ No	
							☐ Yes ☐ No	
							☐ Yes ☐ No	
							☐ Yes ☐ No	
	OTHER	R DOCUMI	ENTS	(Including Author, Title, I	Date, etc.)			
Examiner				Date Considered				
Draw lin	reference considered, whether e through citation if not in con copy of this form with next con	nformance and	not cons	sidered.				

Page <u>4</u> of <u>5</u>

			Attorney Docket: 2877-4031	Serial No.: 10/666,650			
FOR	M PTO-1449		Applicant:				
INFORMATION I	DISCLOSURE CIT	<b>TATION</b>	Chen et al				
			Filing Date: 09/17/2003	Group Art Un 1714	it:		
		U.S.	PATENT DOCUMENTS				
Examiner Initial	Patent Number	Issue Dat	te Name	Class	Sub- Class	Filing Date	
	6,391,409	05/2002	Yeh et al.				
	6,440,498	08/2002	Schaller				
	6,465,521	10/2002	Rosenberg				
	6,488,948	12/2002	Danieli				
	6,503,952	01/2003	Modak et al.				
2001/0053421		12/2001	Schaller				
	2002/0009561	01/2002	Weikel et al.				
2002/0015812 02/2002		Littleton et al.					
	2002/0029402	03/2002	Yeh				
	2002/0041899	04/2002	Chudzik et al.				
	2002/0054910	05/2002	Ronchi et al.				
			GN PATENT DOCUMENT	S		,	
Examiner Initial	Patent Number	Publication Date	on Country	Class	Sub- Class	Translation	
						Yes No	
						☐ Yes ☐ No	
						☐ Yes ☐ No	
						☐ Yes ☐ No	
						☐ Yes ☐ No	
	OTHE	R DOCUME	ENTS (Including Author, Tit	le, Date, etc.)			
						<u> </u>	
Examiner			Date Considered				
Draw line the	erence considered, whether hrough citation if not in cor by of this form with next cor	formance and r	is in conformance with MPEP §609. not considered.  Applicant.				

Page <u>5</u> of <u>5</u>

FORM PTO-1449				2877	rney Docket: -4031	Serial No.: 10/666,650			
					Applicant: Chen et al				
INFORMATION DISCLOSURE CITATION					Filing Date: Group Art Unit:				
				09/1	7/2003	1714			
F			U.S	. PAT	ENT DOCUMENTS		Sub-	1	
Examiner Initial			te	Name	Class	Class	Filing Date		
	· ·	2002/0160029	11/2002	A	Asmus et al.				
		2002/0173563	11/2002	\	Wang et al.				
		2002/0173775	11/2002	ı	Modak et al.			:	
		2002/0176879	11/2002	[	Oodd et al.				
					ATENT DOCUMENTS			1	
Examiner Initial		Patent Number	Publicati Date	on	Country	Class	Sub- Class	Translation	
								☐ Yes ☐ No	
								☐ Yes ☐ No	
								☐ Yes ☐ No	
								Yes No	
								☐ Yes ☐ No	
OTHER DOCUMEN					(Including Author, Title, D	ate, etc.)			
Examiner	<u> </u>				Date Considered				
	Draw line th	rence considered, whether rough citation if not in cor of this form with next cor	nformance and	not cons	nformance with MPEP §609. sidered. ant.				